

C&K CN Series

Double Pole Power Rocker Switches

- Features/Benefits**
 - Illuminated versions available
 - Multiple actuator and termination styles
- Typical Applications**
 - Appliances
 - Office equipment
 - Computers and peripherals



Specifications

CONTACT RATING:
UL/CSA: 16 AMPS @ 125 VAC, 1/8 HP;
10 AMPS @ 250 VAC, 1/3 HP.
ELECTRICAL LIFE: 10,000 make and break cycles at full load.
INSULATION RESISTANCE: 10⁸ Ω min.
DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.

Materials

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), black, matte finish.
ILLUMINATED ACTUATOR: Polycarbonate, matte finish.
CENTER CONTACTS: Silver plated, copper alloy.
END CONTACTS: Silver plated Ag₂SnO₃.
ALL TERMINALS: Silver plated, copper alloy.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch








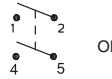
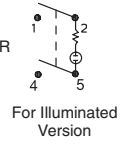
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages 24 thru 26. For additional options not shown in catalog, consult Customer Service Center.

<div>Switch Function</div> <div><div>CN201</div>DPDT On-None-On</div> <div><div>CN202</div>DPST On-None-Off</div> <div><div>CN22 *</div>DPST On-None-Off</div>
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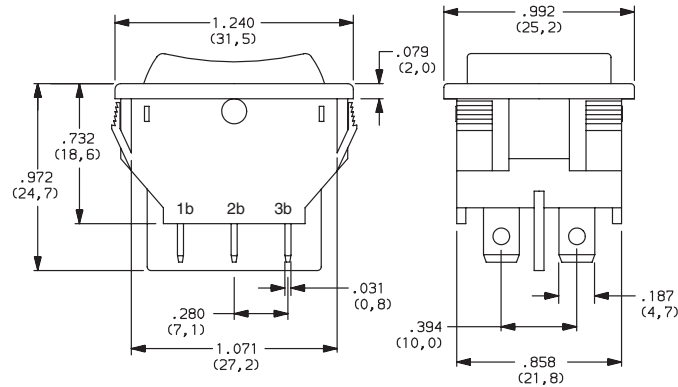
* CN22 - for switches with both marking and illumination

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SWITCH FUNCTION

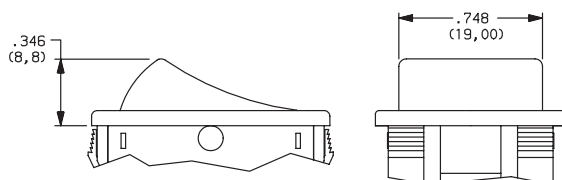
NO. POLES	MODEL NO.	SWITCH FUNCTION			CONNECTED TERMINALS			SCHEMATIC
								
DP	CN201	ON	NONE	ON	2-3	N/A	2-1	
	CN202	ON	NONE	OFF				
	CN22 *	ON	NONE	OFF				

* CN22 - for switches with both marking and illumination



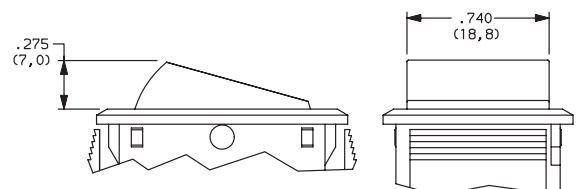
ACTUATOR

J1 ROCKER
J3 ILLUMINATED ROCKER



NOTE: J1 & J3 actuators available with Q contact rating only.
J3 actuator available with CN202 switch function only.

J6 ROCKER
J8 ILLUMINATED ROCKER



NOTE: J6 & J8 actuators available with QA contact rating only.
J6 actuator available with CN201 & CN202 switch functions,
J8 actuator available with CN202 switch function only.

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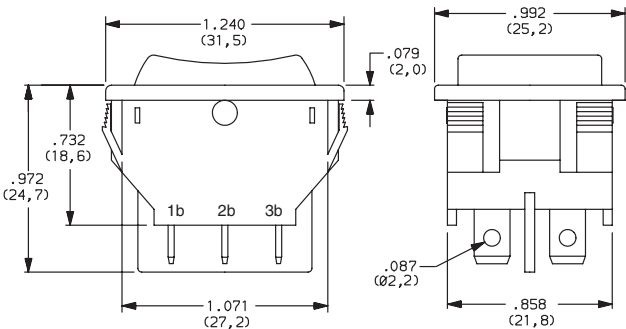
ACTUATOR COLOR

OPTION CODE	ACTUATOR COLOR
2	(STD.) BLACK
1	WHITE
3	RED
R	RED, ILLUMINATED
A	AMBER, ILLUMINATED
G	GREEN, ILLUMINATED

MOUNTING STYLE/COLOR

S2 (STD.) SNAP-IN, BLACK

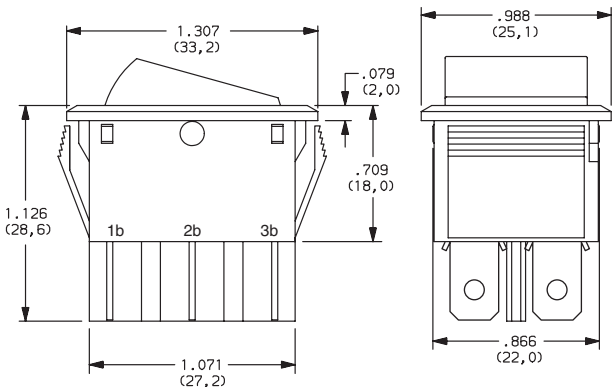
S1 SNAP-IN, WHITE



NOTE: Available with 15 termination and Q contact rating only.

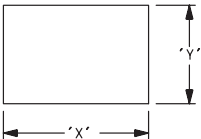
S4 (STD.) SNAP-IN, BLACK

S3 SNAP-IN, WHITE



NOTE: Available with 05 termination and QA contact rating only.

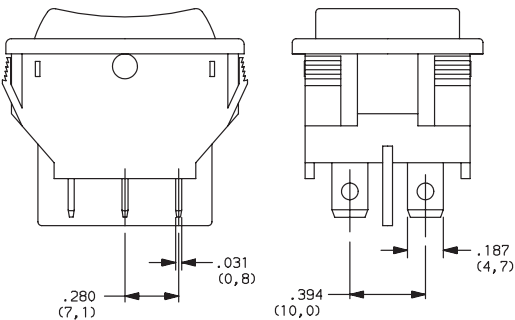
PANEL MOUNTING



PANEL THICKNESS	"X"	"Y"
0.030-0.049 (0.75-1.25)	1.190-.004 (30.2-0.1)	0.874+.004 (22.2+0.1)
0.049-0.079 (1.25-2.0)	1.197-.004 (30.4-0.1)	0.874+.004 (22.2+0.1)
0.079-0.118 (2.0-3.0)	1.213-.004 (30.8-0.1)	0.874+.004 (22.2+0.1)

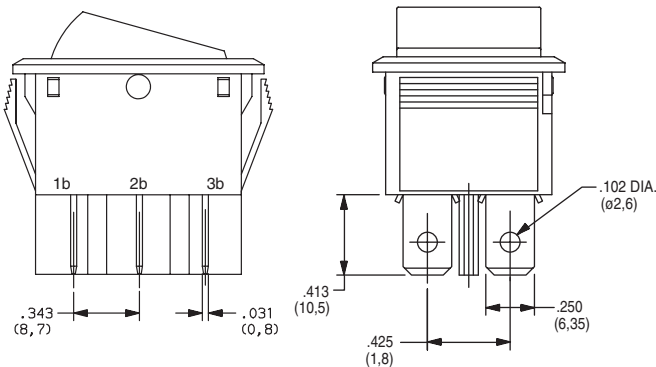
TERMINATION

15 (STD.) .187" QUICK CONNECT



NOTE: Available with S1 & S1 mounting style and Q contact rating only.

05 .250" QUICK CONNECT

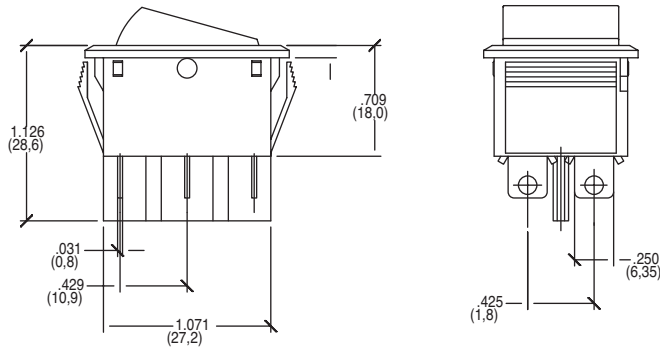


NOTE: Available with S3 & S4 mounting styles and QA contact rating, CN201 & CN202 switch functions only.

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TERMINATION

07 SOLDER LUG



ACTUATOR MARKING

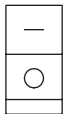
NONE (STD.) NO MARKING



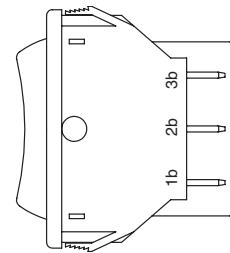
D ON-OFF



H O I



P O -



NOTE: Orientation of actuator marking and terminals.

CONTACT MATERIAL

OPTION CODE	CONTACT AND TERMINAL MATERIAL	RATINGS	
Q (STD.)	SILVER		16 AMPS @ 125 VAC; 10 AMPS @ 250 VAC (UL/CSA)
QA *			16 AMPS @ 125 VAC, 1/8 HP @ 125 VAC; 10 AMPS @ 250 VAC, 1/3 HP @ 250 VAC (UL/CSA)

* Not available with CN203, CN205 & CN207 switch functions.

LAMP RATING

(NONE) NO LAMP

7 125 VAC 33kΩ NEON

8 250 VAC 150kΩ NEON

NOTE: Lamp rating for J3 & J8 actuator options.